# Watershed Audit for the Town of Hudson

Part	1.	Wate	ershed	Pl	anning
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Yes

The application of regulatory measures and/or planning techniques that are designed to maintain or limit future impervious cover, redirect development where appropriate, and protect sensitive areas.

1.1	impervious cover?  Conservation easements (voluntary agreement to legal transfer of development and land use rights to a piece of property to a conservation trust; easements may be temporary or permanent)  Land acquisition programs  Transfer of development rights (TDRs) (transfers potential development from a designated "sending area" to a designated "receiving area")  Limiting infrastructure extension (a conscious decision is made to limit or deny extending infrastructure, such as public sewer, water, or roads, to designated areas to avoid increased development in these areas)  Infill / community redevelopment (encourage new development and redevelopment within existing developed areas)
Par Pro valt	t 2. Land Conservation grams or efforts to conserve undeveloped, sensitive areas or areas of particular historical or cultural ue.
2.1	Other than what is required by state and federal laws, is the preservation of cultural or historical areas (e.g., historic or archaeological sites, scenic views, and recreational areas):  Required Encouraged Neither Don't Know Other (please describe)
2.2	Is the preservation of agricultural areas:  Required Encouraged Neither Don't Know Other (please describe)
2.3	Are you aware of any critical habitat areas for plant and animal species in your community?  Yes  No Don't Know
2.4	Other than what is required by state and federal laws, is the preservation of critical habitat areas for plant and animal species:  Required Encouraged Neither Don't Know Other (please describe)
2.5	Does your community have regulations or requirements, other than what is required by state and federal laws, governing the preservation of wetlands during development?

	_ _ _	No Don't Know Other (please describe)
2.6		there development restrictions pertaining to steep slopes? Yes No Don't Know
2.7		ne conservation of forested areas: Required Encouraged Neither Don't Know Other (please describe)
2.8		there development restrictions pertaining to stream channel modification? Yes No Don't Know
		Aquatic Buffers tection, or reforestation of stream, wetland, and urban lake buffers.
3.1		stream buffers required in your community? Yes No Don't Know
3.2	Wh	SO feet, SPECIAL EXCEPTION BY LBA REQUIRED TO IMPACTSO BUFF CR
3.3		wetland buffers required in your community? Yes No Don't Know
3.4	Wha	at are your wetland buffer width requirements?  50 feet, ZBA SPECIAL EXCEPTION  REQUIRED TO IMPACT WITH IN  SD feet.
3.5		there reforestation, restoration, or riparian cover requirements or programs for buffers? Yes No Don't Know
Loc	al or	Better Site Design dinances and codes incorporate techniques to reduce impervious cover and/or redirect runoff onto surfaces in the design of new development and redevelopment projects.

4.1 What is the minimum pavement width allowed for streets in low-density residential developments that

have less than 500 average daily trips (ADT)?

□ 18 - 22 feet

		23 - 26 feet Greater than 26 feet
4.2		nat is the minimum right-of-way (ROW) width for a residential street?  Less than 45 feet  Greater than 45 feet
4.3	٥	Less than 35 feet  36 feet to 45 feet  Greater than 45 feet
4.4		a landscaped island be created within the cul-de-sac? Yes No Not specified in codes
4.5		curb and gutters required for most residential street sections? Yes No
4.6	area	at is the minimum parking ratio for a professional office building (per 1,000 ft2 of gross floor 3)?  Less than or equal to 3.0 spaces per 1,000 ft2 of gross floor area  3.1 to 5.0 spaces per 1,000 ft2 of gross floor area  Greater than 5.0 spaces per 1,000 ft2 of gross floor area
4.7	Wh	at is the minimum required parking ratio for shopping centers (per 1,000 ft2 gross floor area)?  Less than or equal to 4.0 spaces per 1,000 ft2 of gross floor area  4.1 to 5.5 spaces per 1,000 ft2 of gross floor area  Greater than 5.5 spaces per 1,000 ft2 of gross floor area
		at is the minimum required parking ratio for single-family homes (per home)?  Less than or equal to 2.0 spaces  Greater than 2.0 spaces  (m) WIMUM 2 FOCES
4.9		ne use of shared parking arrangements permitted? Yes No Not specified in codes

SZ/	re model shared parking agreements provided? Yes
	No Not applicable
<b>D</b>	parking ratios reduced if shared parking arrangements are in place? Yes No Not specified in codes Not applicable
co	a percentage of the spaces at commercial parking lots required to have smaller dimensions for mpact cars?  Yes (please specify percentage)  No
Œ	n pervious materials be used for spillover parking areas? Yes No
Œ	á minimum percentage of a parking lot required to be landscaped? Yes No
<b>a</b>	re open space or cluster development designs allowed in the community? Yes No Not specified in codes
de	e the submittal or review requirements for open space design greater than those for conventional velopment? Yes No Not applicable
opt	e flexible site design criteria available for developers that utilize open space or cluster design tions (e.g., setbacks, road widths, lot sizes)? Yes No Not specified in codes Not applicable
	e sidewalks always required on both sides of residential streets? $\mathcal X$ es No
	hat is the minimum sidewalk width allowed in the community?  A feet or less  Greater than 4 feet (ADA REQUIRED 5')  Not specified in codes  Not Applicable

4.2		an alternate pedestrian networks be substituted for sidewalks (e.g., trails through common areas)?
	न	Yes
		No
		Not specified in codes
		Not applicable
4.2		an pervious materials be used for single-family home driveways (grass, gravel, porous pavers, etc). Yes
		No
		Not specified in codes
4.22	cor	an a "two-track" design be used at single-family driveways (a driveway with two strips of paving responding to wheel tracks with a vegetated area in between)?  Yes
		No
		Not specified in codes
4.23		re shared driveways permitted in residential developments? Yes No Not specified in codes
		question 4.27 if open space, cluster, or conservation developments are not in your community.)
4.24		e open space areas within subdivisions required to be consolidated into larger units? Yes No Not specified in codes
4.25	nat 也	nes a minimum percentage of open space in a residential subdivision have to be managed in a start condition? Yes No Not specified in codes
		e allowable and unallowable uses for open space in residential developments defined?
		Yes
		No
	<b>a</b>	n rooftop runoff be discharged to yard areas? Yes No Not specified in codes

# Part 5. Erosion and Sediment Control

□ Not Applicable

The use of erosion control, sediment controls and dewatering practices at all new development and redevelopment sites.

5.1		es your community provide guidance or set forth requirements on the types of erosion and sediment firol practices that may be used?
	d	Yes, we refer the development community to a state document
	wef	Yes, we have developed our own guidance and/or requirements THIS I'S being developed
		No
		Don't Know
5.2	Ch	neck all erosion and sediment control practices that your community has required to be implemented
		the past three years:
		Silt fence
	,	Straw bales
		Construction sequencing
	U/	Construction phasing
		Preservation and non-disturbance of natural vegetation
	B	Preservation and non-disturbance of stream or wetland buffers
	Ø.	
	<b>Ø</b> ,	Temporary seeding and mulching
		Permanent seeding and mulching
	<b>d</b> /	Dust control
		Erosion blankets and geotextiles
		Fiber rolls
		Temporary stream crossings
	W/	Stabilized construction entrance
	ਦ_	Exit tire wash
	u'	Energy dissipation at pipe outlets
	e,	. Check dams in natural or man-made channels
	œ,	Sand / gravel bag barrier
	ø,	Brush or rock filter
	D/	- Storm drain inlet protection
	1	Catch basin inlet filters
	1	Sedimentation basins
		Sediment traps
		Filtration of dewatering operations
	SIZ /	/Secondary filtration (mechanical or sand filtration devices to filter fine sediments from runoff)
		/Dikes / berms as conveyance to ESC structures
	0/	Pipe slope drains to bypass erodible soils
	U	Stockpile stabilization
<i>-</i>	т.	
5.5	Is an	n erosion and sediment control plan required during the site plan review process?
		Yes
		No Don't Know

5.4	Are construction sites inspected for compliance with erosion and sediment control requirements?  Yes  No  Don't Know
5.5	Who conducts inspections of construction sites for compliance with erosion and sediment control requirements?  Municipal inspector  Third-party inspector (e.g. private engineer)  Other (please describe)
5.6	How frequently does an erosion and sediment control inspector visit a construction site?  Daily  Weekly  Monthly  Annually  Other (please describe)
5.7	Does your community sponsor erosion and sediment control training for:  Developers Contractors Engineers Inspectors None of the above
5.8	Are there erosion and sediment control enforcement mechanisms (e.g. fines, stop work orders, etc.)?  Yes  No  Don't Know  If yes, please describe enforcement mechanisms: FINES, STOP WORK ORDERS AND  BORRD AND COMMISSION REVIEW OF VIOLATIONS.
The	et 6. Stormwater Management Practices  incorporation of structural practices into new development, redevelopment, or the existing landscape  inclined the impacts of urbanization and stormwater runoff on receiving waters.
6.1	your community required to implement NPDES Phase II stormwater regulations?  Yes  No  Don't Know

6.2	If yes, what are the design criteria for stormwater practices?
	Control peak discharge rate (flood control)
	Design storm(s):  Treat stormwater runoff for water quality
	Treat stormwater runoff for water quality
	Design storm(s): Control / reduce total volume of runoff (by means of infiltration practices, etc.)
	Control / reduce total volume of runoff (by means of infinitation practices, etc.)
	Design storm(s):
	Protect downstream channels
	Design storm(s):
	Other:
6.3	Does your community provide guidance or set forth requirements on the types of stormwater practices that may be constructed?
	c 1 1 1 1 c consumity to a ctate document
	Yes, we have developed our own guidance and/or requirements THIS IS IN PROCESS
	□ No
	Don't Know
	Don't Know
6.4	What are the top three stormwater practices typically installed in your community?
0.4	IMPLOMENTATION OF SILT FUNCIS MND BAKES.
	INT ITARTICAL SUSTIMS
	INFILMENTATION OF DRAIN SWALES & RICHARGE SYSTEMS
6.5	Is a stormwater plan or other documentation required during the site plan review process?
0.5	Yes
	□ No
	Don't Know
	- Don ( Know
6.6	Does your community inspect stormwater practices during construction?
0.0	Yes
	□ No
	□ Don't Know
	U Doll t Know
6.7	Who is typically responsible for maintenance of stormwater practices over the life of the stormwater practice?
	Private owner
	Builder
	☑ Homeowner's association
	Permitting agency
	Other (please explain) MUNICIPALITY IN MANY INSTANCES, 17
	□ Permitting agency □ Other (please explain) MUNICIPALITY IN MANY INSTRUCES, AFTER □ Don't Know CONSTRUCTION IS CONFIETE.
6.8	Are privately maintained stormwater practices inspected by a public agency for maintenance upkeep or
	structural integrity over the life of the facility?
	⊈ Yes
	□ No
	Don't Know

6.9	How frequently are privately owned stormwater practices inspected?  More than once a year  Once a year  Every two years  In response to complaints  Never  Other (please describe)  Don't Know	
6.10	Are there penalties for not complying with the maintenance agreement or other applicable regulations applying to maintenance?  Yes  No  Don't Know  f yes, please describe penalties: FINES, REVOCATION OF ISSUED PERMITS,	せて
Loc	7. Non-Stormwater Discharges ting, quantifying, and controlling non-stormwater pollutant sources in the watershed. Operation and tenance practices that prevent or reduce pollutants entering the municipal or natural drainage system.	
	The best description of my community's stormwater management system is:  Storm sewers (usually pipes leading to a receiving stream)  Open channels Combination (please provide relative percentage of each)  Other (please describe)  Don't Know	
7.2	How does your community manage sanitary wastes (check all that apply)?  Septic systems  Aeration systems  Package treatment plants  Centralized wastewater treatment plants  Other (please describe)  Don't Know	
7.3	Shortest distance Stream valley Other (please describe) Don't Know Not Applicable	
7.4	Ooes your community have regulations pertaining to septic system maintenance?  Yes	

□ Don't Know

7.5	Does your community conduct inspections of privately owned septic systems?  Yes during constraints  No
	□ Don't Know
7.6	Does your community have a spill response plan?  Yes  No  Don't Know
7.7	What deicing compounds are applied to public roads?  Sand  Road salt (Sodium Chloride, NaCl)  Calcium Chloride (CaCl²)  Magnesium Chloride (MgCl²)  Other (please describe)
7.8	How are the deicing compounds stored?  Within structure  Covered, but not in structure  Not covered  Other (please explain)
Sto	t 8. Watershed Stewardship Programs rmwater and watershed education or outreach programs targeted towards fostering human behavior prevents or reduces pollution over a range of land uses and activities.
8.1	Does your community administer or support watershed or pollution education or outreach programs targeted towards:  ☐ Residents ☐ Commercial sector ☐ Industrial sector ☐ Municipal employees ☐ Other (please describe)
8.2	Are there any stream restoration programs or projects within your community?  Yes  No  Don't Know
8.3	Does your community have any restrictions on pet waste management?  ✓ Yes  ✓ No  ✓ Don't Know  If yes, please describe regulations or restrictions:
8.4	Does your community sweep public streets?  Yes  No  Don't Know
8.5	How often does street sweeping occur?  Weekly Monthly

# Watershed Protection Audit for

Annually
Other (please explain)

8.6 Does street sweeping vary seasonally (e.g., streets are not swept in winter)?

Yes (please explain)

No
Don't Know

8.7 Are fertilizers used on public lands?

Yes
No
Don't Know

8.8 Are pesticides (insecticides, herbicides) used on public lands?

Yes
No

□ Don't Know